

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 22:15
 Operator : AR\AJ
 Sample : PB167710BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167710BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 00:26:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	6.941	7.465	1393.8E6	413.3E6	566.325	586.595
Target Compounds							
1) T	Dalapon	2.449	2.524	2161.8E6	901.5E6	527.882	519.251
2) T	3,5-DICHL...	6.145	6.462	1888.0E6	530.9E6	528.291	543.080
3) T	4-Nitroph...	6.732	6.999	910.0E6	400.6E6	510.303	522.966
5) T	DICAMBA	7.117	7.650	5290.0E6	2172.4E6	534.186	549.966
6) T	MCP	7.295	7.757	339.2E6	95103017	52.649	54.377
7) T	MCPA	7.437	7.987	459.2E6	127.3E6	51.995	53.810
8) T	DICHLORPROP	7.798	8.344	1336.8E6	549.1E6	527.514	546.981
9) T	2,4-D	8.018	8.657	1489.3E6	615.7E6	529.464	546.227
10) T	Pentachlo...	8.296	9.158	19257.9E6	11500.2E6	552.039	565.263
11) T	2,4,5-TP ...	8.861	9.535	7490.5E6	4565.1E6	540.328	557.966
12) T	2,4,5-T	9.143	9.940	7617.7E6	4282.1E6	542.068	551.636
13) T	2,4-DB	9.701	10.495	1205.1E6	447.6E6	527.317	556.154
14) T	DINOSEB	10.864	10.868	5469.7E6	3164.4E6	537.644	542.679
15) T	Picloram	10.684	11.901	8834.1E6	5305.7E6	481.929	431.935m
16) T	DCPA	11.165	11.895	9401.4E6	6223.6E6	552.343	552.143m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 23 Apr 2025 22:15
Operator : AR\AJ
Sample : PB167710BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

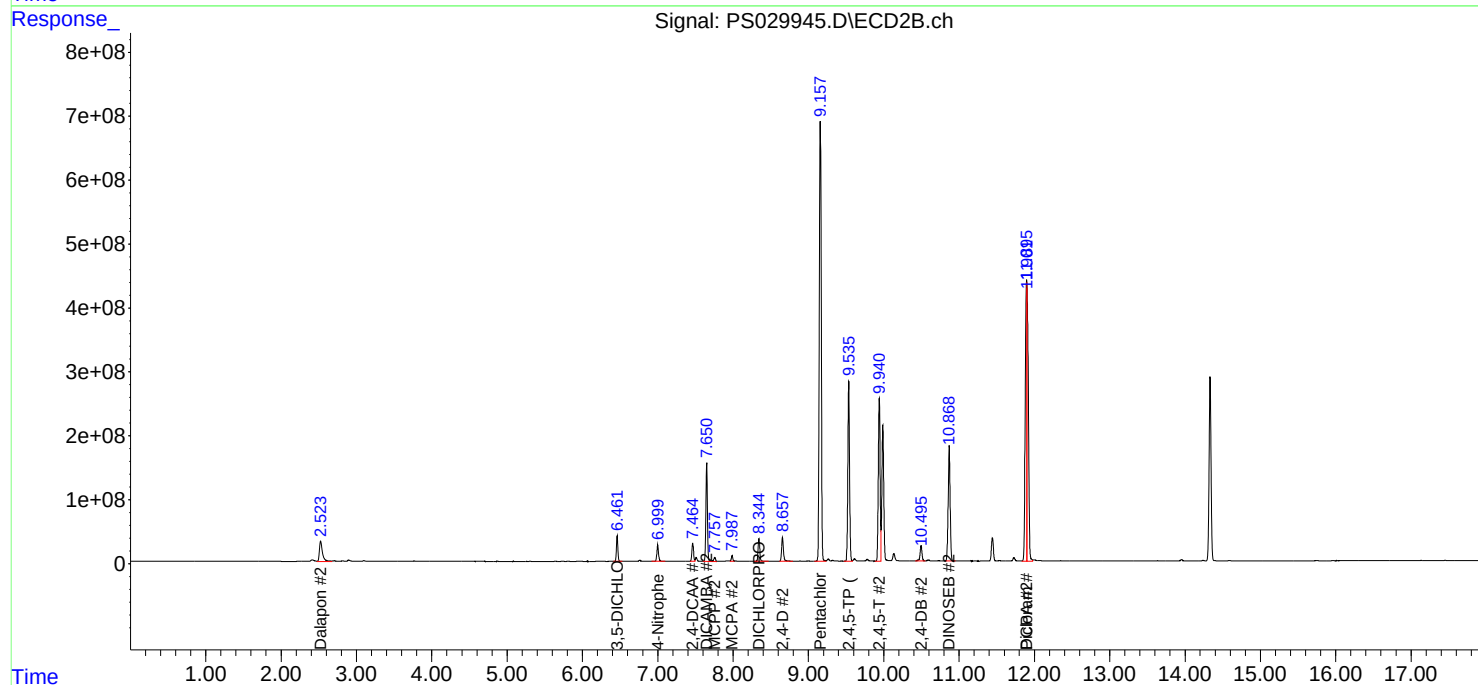
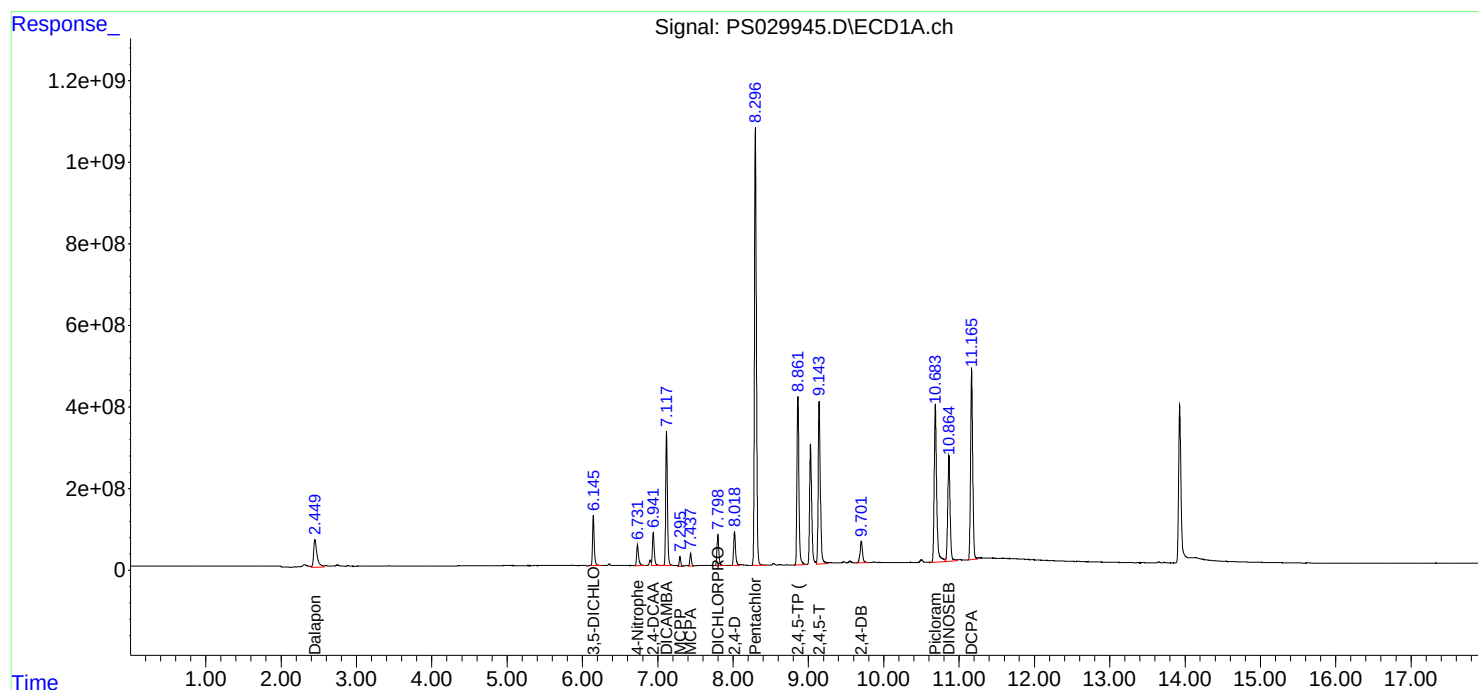
Instrument :
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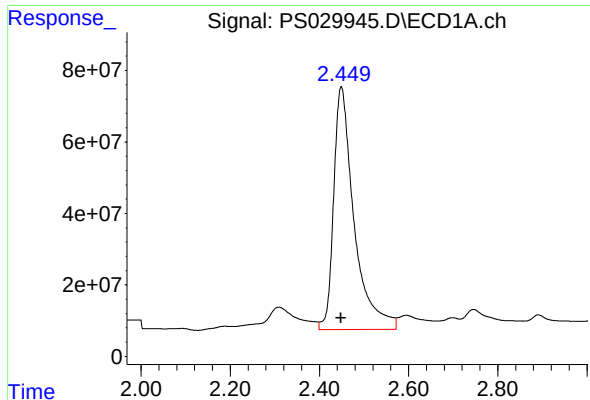
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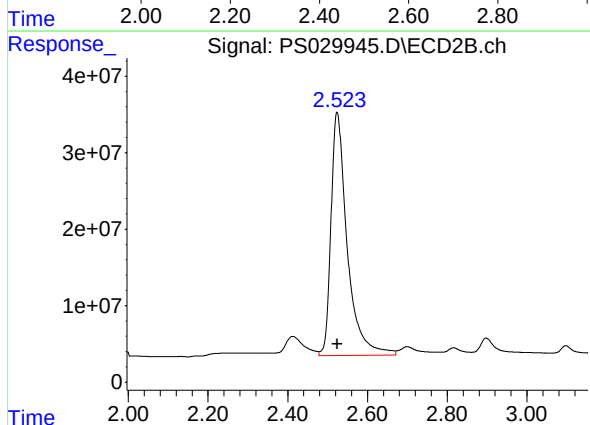
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.001 min
Response: 2161813519
Conc: 527.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167710BS

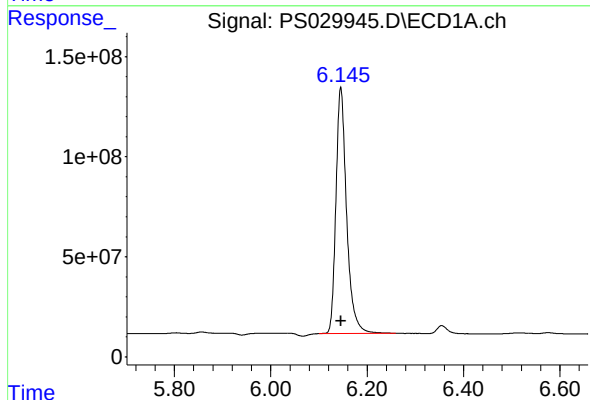
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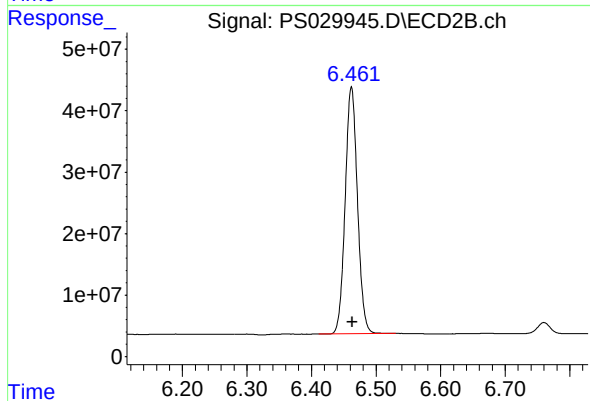
#1 Dalapon

R.T.: 2.524 min
Delta R.T.: 0.000 min
Response: 901493654
Conc: 519.25 ng/ml



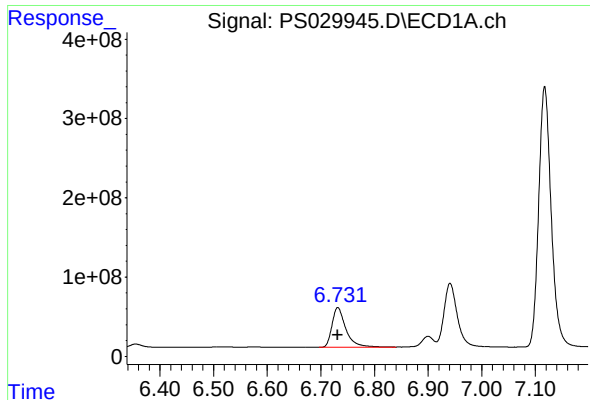
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 1888000335
Conc: 528.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min
Delta R.T.: -0.001 min
Response: 530903302
Conc: 543.08 ng/ml



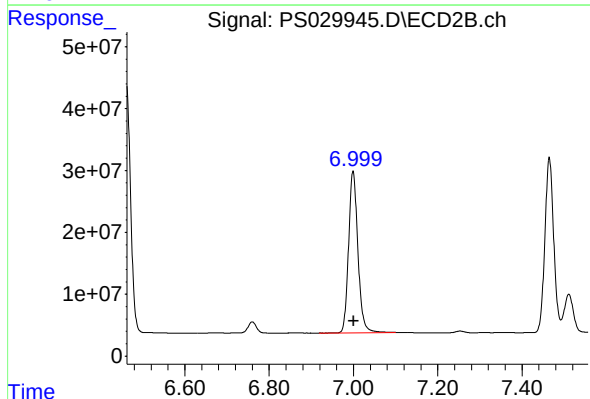
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 910034155
Conc: 510.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167710BS

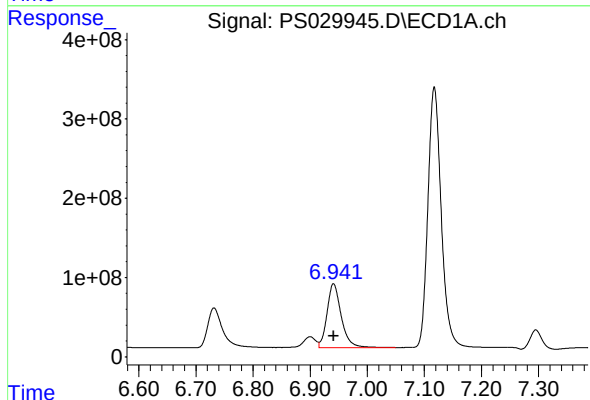
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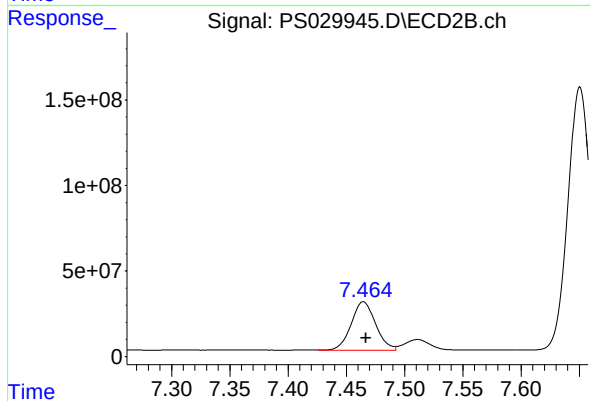
#3 4-Nitrophenol

R.T.: 6.999 min
Delta R.T.: -0.001 min
Response: 400550773
Conc: 522.97 ng/ml



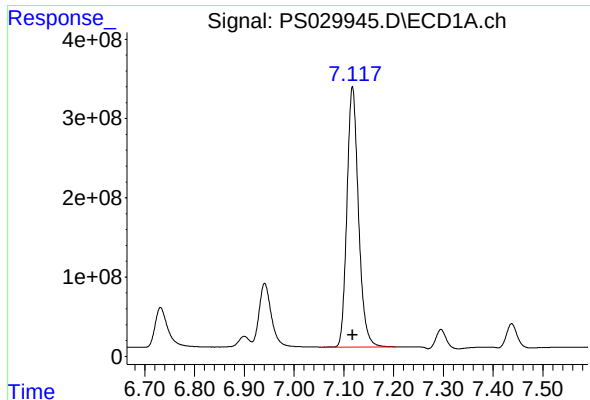
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1393769885
Conc: 566.32 ng/ml



#4 2,4-DCAA

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 413265892
Conc: 586.59 ng/ml



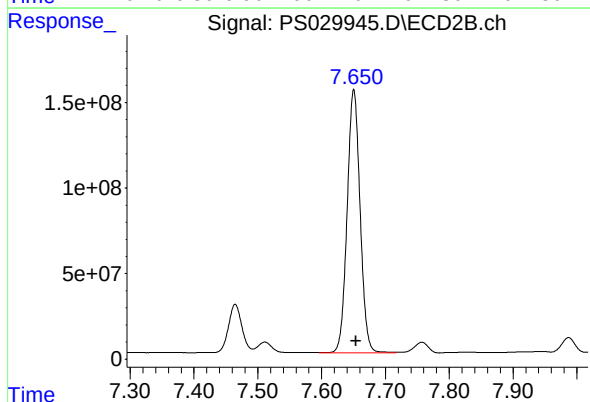
#5 DICAMBA

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 5289970412
Conc: 534.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167710BS

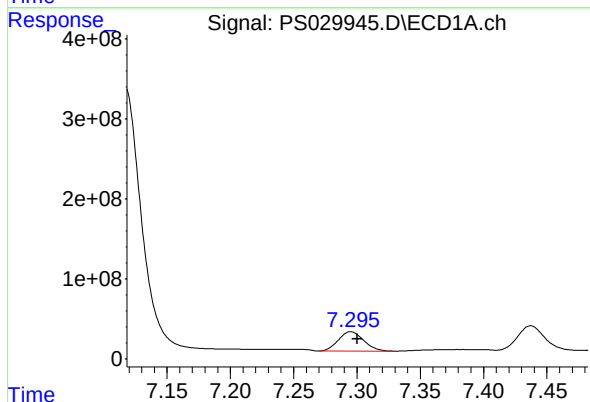
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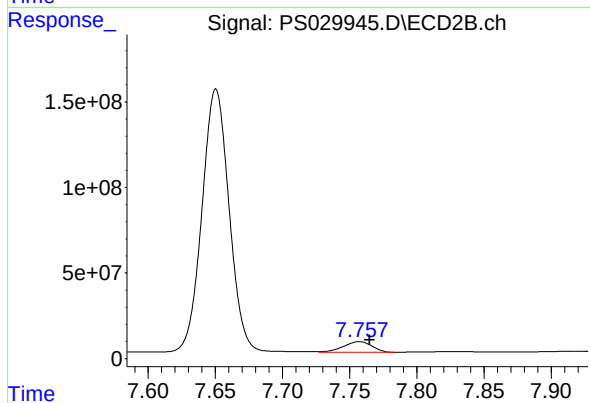
#5 DICAMBA

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 2172402313
Conc: 549.97 ng/ml



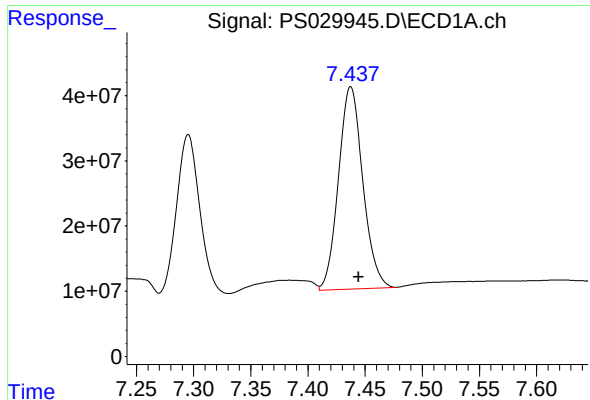
#6 MCPP

R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 339248369
Conc: 52.65 ug/ml



#6 MCPP

R.T.: 7.757 min
Delta R.T.: -0.007 min
Response: 95103017
Conc: 54.38 ug/ml



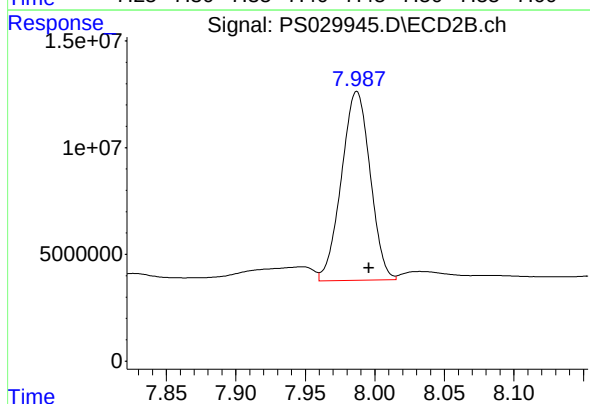
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.007 min
Response: 459189915
Conc: 52.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167710BS

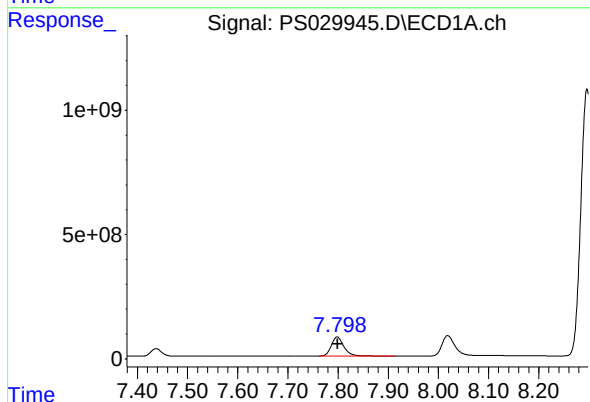
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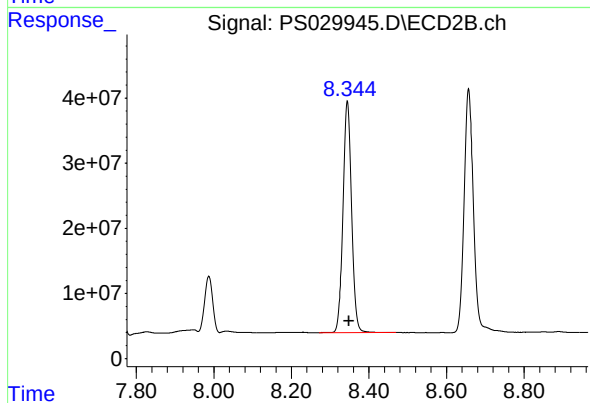
#7 MCPA

R.T.: 7.987 min
Delta R.T.: -0.009 min
Response: 127304964
Conc: 53.81 ug/ml



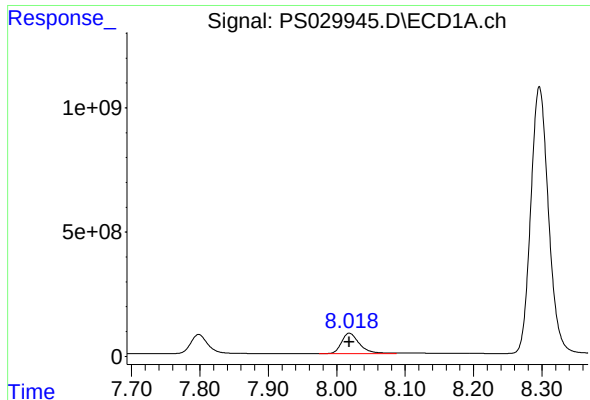
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 1336777631
Conc: 527.51 ng/ml



#8 DICHLORPROP

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 549149724
Conc: 546.98 ng/ml



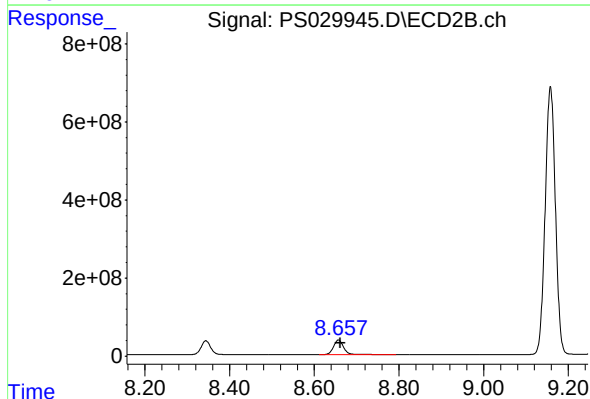
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 1489312995
Conc: 529.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167710BS

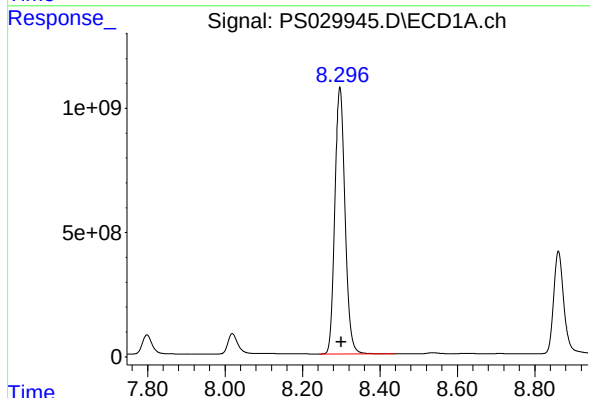
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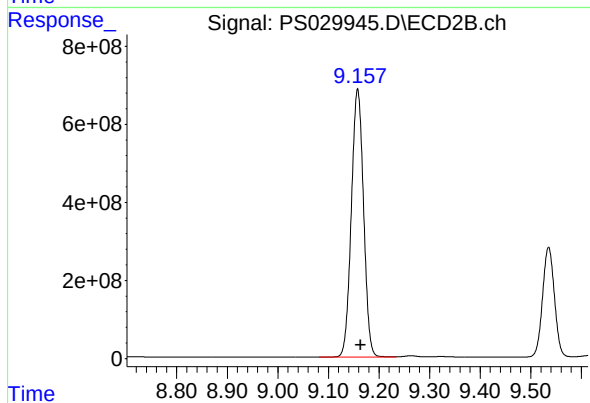
#9 2,4-D

R.T.: 8.657 min
Delta R.T.: -0.004 min
Response: 615656853
Conc: 546.23 ng/ml



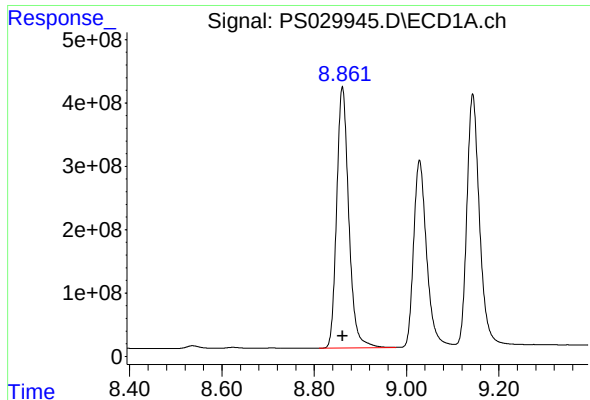
#10 Pentachlorophenol

R.T.: 8.296 min
Delta R.T.: -0.003 min
Response: 19257901285
Conc: 552.04 ng/ml



#10 Pentachlorophenol

R.T.: 9.158 min
Delta R.T.: -0.006 min
Response: 11500177106
Conc: 565.26 ng/ml



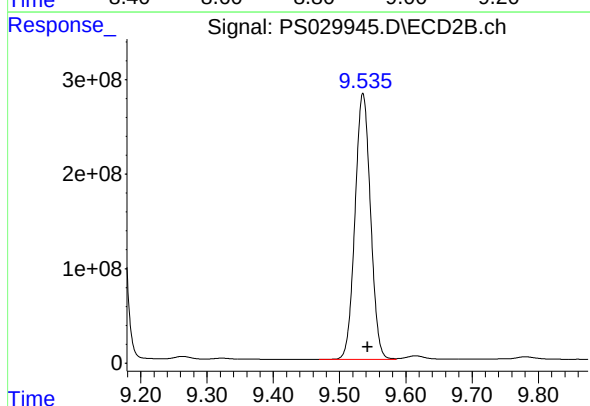
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 7490482045
Conc: 540.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167710BS

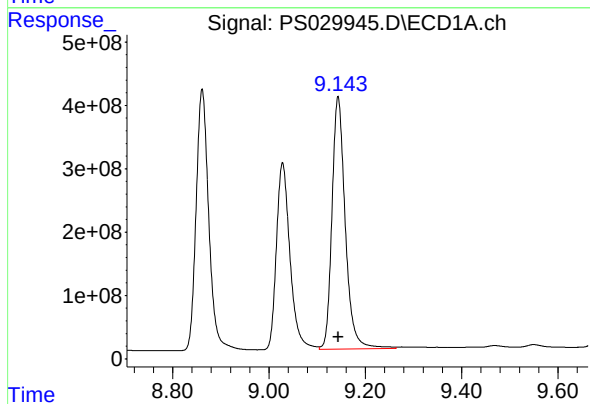
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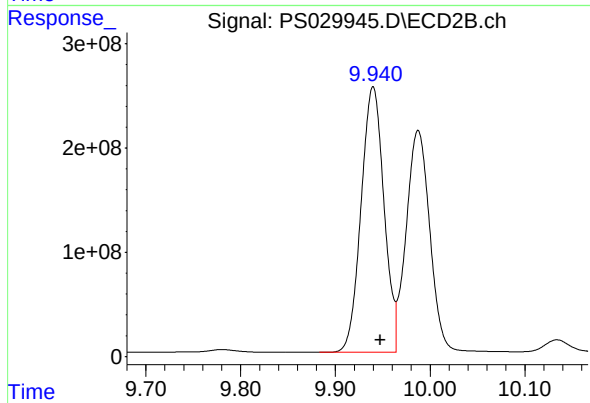
#11 2,4,5-TP (SILVEX)

R.T.: 9.535 min
Delta R.T.: -0.007 min
Response: 4565140703
Conc: 557.97 ng/ml



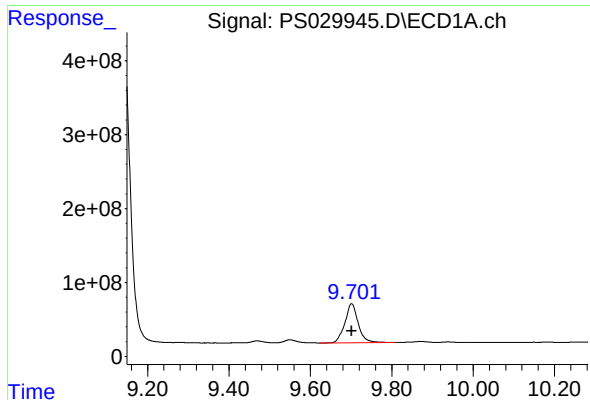
#12 2,4,5-T

R.T.: 9.143 min
Delta R.T.: 0.000 min
Response: 7617741128
Conc: 542.07 ng/ml



#12 2,4,5-T

R.T.: 9.940 min
Delta R.T.: -0.007 min
Response: 4282131078
Conc: 551.64 ng/ml



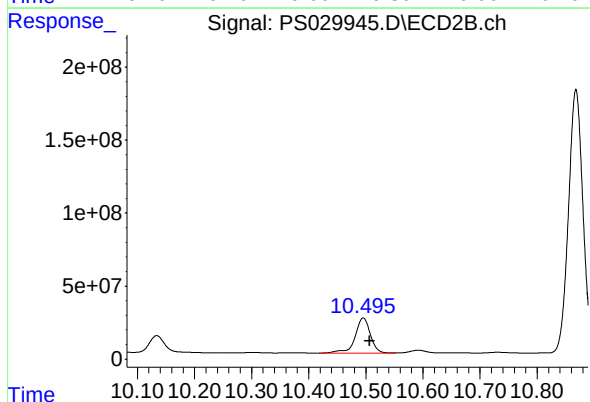
#13 2,4-DB

R.T.: 9.701 min
Delta R.T.: 0.000 min
Response: 1205107537
Conc: 527.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167710BS

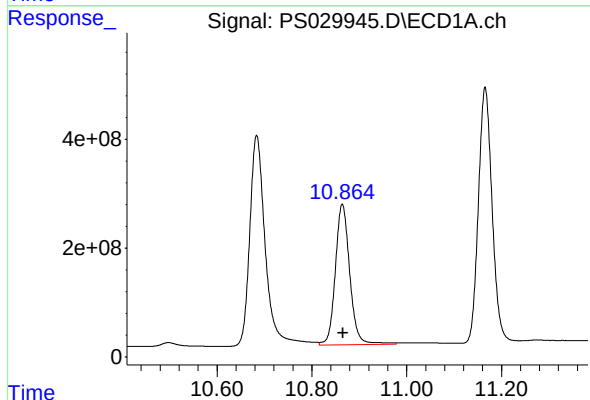
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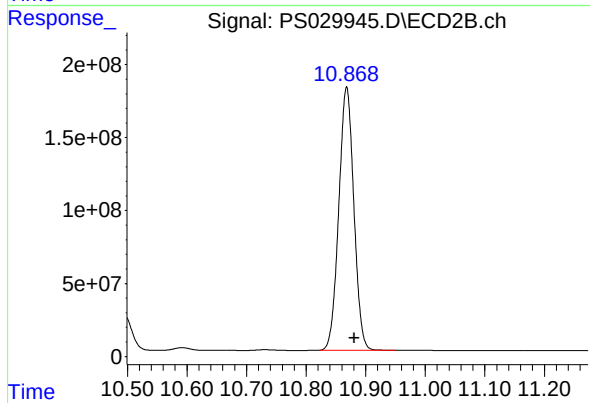
#13 2,4-DB

R.T.: 10.495 min
Delta R.T.: -0.011 min
Response: 447616284
Conc: 556.15 ng/ml



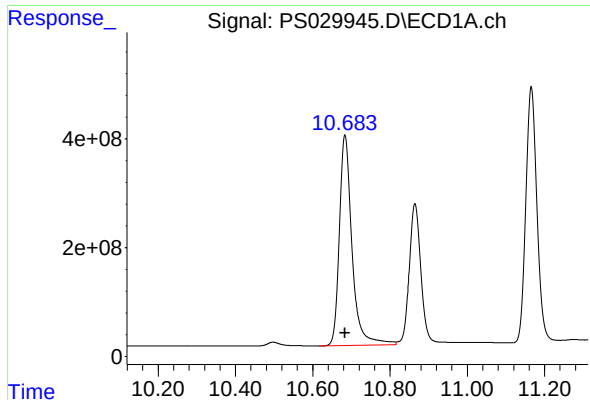
#14 DINOSEB

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 5469680501
Conc: 537.64 ng/ml



#14 DINOSEB

R.T.: 10.868 min
Delta R.T.: -0.013 min
Response: 3164352709
Conc: 542.68 ng/ml



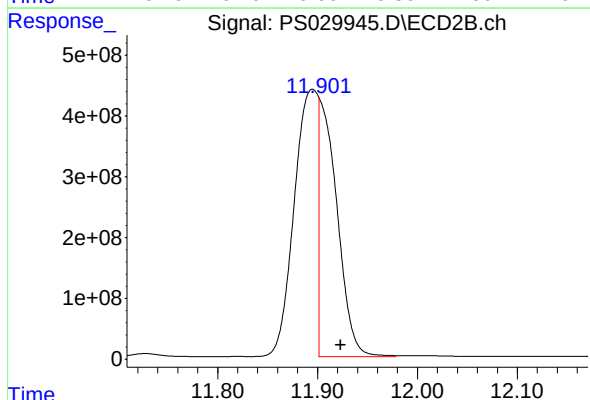
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 8834059089
Conc: 481.93 ng/ml

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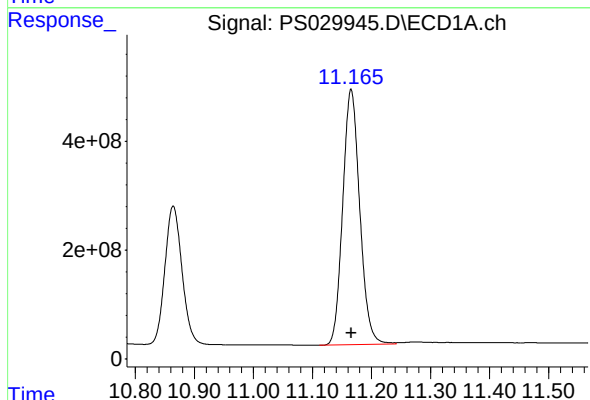
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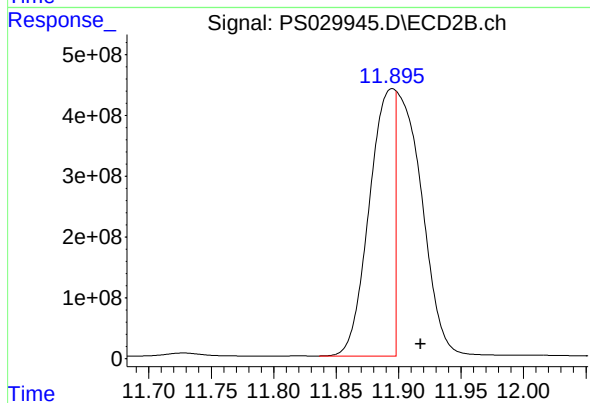
#15 Picloram

R.T.: 11.901 min
Delta R.T.: -0.022 min
Response: 5305729715
Conc: 431.93 ng/ml m



#16 DCPA

R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 9401429828
Conc: 552.34 ng/ml



#16 DCPA

R.T.: 11.895 min
Delta R.T.: -0.023 min
Response: 6223566557
Conc: 552.14 ng/ml m